

The Koffler Institute of Pharmacy Management will provide a focal point for research and continuing education in the business of pharmacy.

Koffler spearheads pharmacy building project

North America's first education and research centre dedicated to the business side of pharmacy will be built at U of T.

David Bloom, president of Shoppers Drug, announced at a press conference Sept. 26 that over half of the planned \$3 million private-sector contribution toward the construction of the Koffler Institute of Pharmacy Management has already been raised. He said a cheque for the full amount would be presented to President George Connell in February. Connell, also present at

the conference, said the University will initiate a campaign to raise an approximately equal amount late in 1986, following Governing Council approval of the project.

The institute is named after benefactor and Shoppers Drug Mart founder Murray B. Koffler, who has donated \$500,000 toward the project. The proposed site for the building is on Spadina Circle at Russell Street, south of the Borden Building and kitty-corner to the Faculty of Pharmacy at Huron and Russell.

Bloom said while U of T's Faculty of Pharmacy and Canada's eight other pharmacy schools provide an excellent background in the scientific fundamentals of the discipline, they do not prepare students for the managerial challenges facing a pharmacist.

"Operating a pharmacy is big business," said Bloom. "The sales figures of a pharmacy can range from \$500,000 in its beginning years up to \$10 million. Any other business of that size would certainly have an MBA at the helm."

The institute will offer non-credit courses and seminars in institutional and community pharmacy management, and serve as an information and research centre in the area. Courses, likely including several evening sessions, will be aimed at practising

Continued on Page 2

UNIVERSITY OF TORONTO

Bulletin

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Monday, October 7, 1985

Research board clarifies policy on retroactive classification

by Judith Knelman

In the light of the concern about participation in Star Wars research, the Research Board has decided to forward to Governing Council a clarification of research policy at the University of Toronto.

The current policy, approved by Governing Council in 1974, permits U of T researchers to accept funding only for research projects that can be freely published. It does not consider the possibility of retroactive classification, which has hampered publication of some Strategic Defence Initiative (SDI) research results in the US. Some contracts for SDI work contain a clause allowing for review and possible retroactive classification. The policy recommended by the Research Board would prevent U of T researchers from signing any contract with such a clause.

A task force established last year has been working out recommendations for a revised research agreements policy, but its report will not be ready until December.

The resolution passed Oct. 2 says it is the view of the Research Board that the publication policy of the University of Toronto precludes the University from accepting grants or contracts for research where the results of the research may be subject to possible retroactive classification.

There is some doubt as to how likely a possibility retroactive classification is, since US legislation would not apply in Canada. David Nowlan, vice-president (research), told the board that in his opinion the possibility of retroactive classification would have to be spelled out in a contract to apply in Canada. He acknowledged, however, that in any event pressure could be applied by the US government on the Canadian government. The Official Secrets Act, he said, would permit the Canadian government to classify research as a matter for security con-

trol. "But we're a long distance from needing to concern ourselves about that possibility," said Nowlan.

Professor G.D. Garland of the Department of Physics said it has happened in the past that contracts have been deemed classified by the Canadian government at the request of the US government, and that it has taken years longer for the Canadian government to declassify them.

Gordon Slemmon, dean of the Faculty

of Applied Science and Engineering, said that in contract research for the government there has always been the possibility of retroactive classification, and papers have been submitted to conferences that have been put under classification at the last minute.

Keith Balmann, a professor of electrical engineering and past chairman of the Research Agreements Task Force, said there is no such thing as absolutely open research.

Inside

Transfer payments to provinces could be cut next year 3

OCUFA says Ontario needs 1,000 new professors 3

Forum: "If we don't watch out, the world centre for Canadian studies is going to be ... Austin, Texas", Margaret Atwood tells a Queen's symposium on the mission of the university 14



Science Council meets at U of T

Stuart Smith, chairman of the Science Council of Canada, arrives Oct. 3 at Simcoe Hall for two days of meetings. Though the council meets twice a year outside of Ottawa, it was the first time since 1972 that Toronto was the site. In addition to the meetings Thursday and Friday, the council had lunch in Croft Chapter House, where the U of T's first chemistry lab was set up in 1843 by Professor Henry Holmes Croft, and toured laboratories where research with links to industry is being conducted.

The health of Canadian literature depends on its readers, says author of new comprehensive survey

by Judith Knelman

Canadian writers are doing well. It's Canadian readers who are worrying W.J. Keith, a University College professor of Canadian literature who has just published a comprehensive survey of it.

In less than three decades, a deliberate effort on the part of the Canadian government to promote a national literary identity has brought Canadian literature to full flower. But, like any hothouse flower, it would be vulnerable to frost if a shortage of funds left holes in the glass shelter.

At the end of *Canadian Literature in English*, Keith makes it clear that the future of writing in this country depends on readers. The standard of literacy is officially high here, he says, but the quantity and quality of reading are "depressingly low". Of those Canadians who do read, many neglect Canadian literature, stifling an important part of their heritage, in Keith's opinion.

The Canada Council has stimulated the growth of Canadian literature with grants to writers, subventions to publishers and support to universities, where a large part of the readership lies. But the Canada Council cannot legislate taste. Says Keith: "They have artificially encouraged the literature, which is splendid, but I don't think that the readership has been developed. One ought not to need to have such complete support. There's a lot of

Canadian literature being read by a rather small number of people. How often do Canadian books get on the high sales lists even in Canada?"

Keith believes a properly literate Canadian should know the best that has been written in English and the good things that have been written by Canadians. He is not claiming that Canadians have produced literature of a quality to equal the works of Shakespeare and Milton, but that the fiction and poetry they have produced is of value to someone living in this tradition and culture.

An Englishman, he decided not long after he'd settled here and earned a doctorate in 19th-century non-fiction prose that he should find out about the literature of the country he was living in. One of the first Canadian works he read was Irving Layton's *A Red Carpet for the Sun*, which he found exciting. Gradually he worked his way through the McClelland and Stewart's New Canadian Library. As he went further afield, he didn't find in the 1960s much help from Canadian literary critics. Most criticism of Canadian literature is thematic, though there are by now a significant number of studies of individuals as well and a sprinkling of genre studies, but with the possible exception of Desmond Pacey's *Creative Writing in Canada*, first published in 1952, there was no critical history of Canadian literature until his own appeared.

"Most other countries that I know have lots of these things available, but Canadian literary critics have never shown a great deal of interest in surveys," says Keith. So when Longman's asked him to contribute to its *Literature in English* series, he jumped at the chance to rectify the omission. The book is meant as a reference work for Canadian studies programs all over the world — and they are increasing at an amazing rate, says Keith, who regularly answers inquiries from universities who want to establish them — but will also work well in providing a background for Canadian readers who need to fit what they're reading into a larger context.

Where to begin if you want to explore Canadian literature? In fiction, Keith suggests Mordecai Richler's *The*

Apprenticeship of Duddy Kravitz, *The Stone Angel* and *A Jest of God* by Margaret Laurence, *The Blue Mountains of China* and *The Scorching Wood People* by Rudy Wiebe, *Fifth Business* by Robertson Davies, the short stories of Mavis Gallant and

Alice Munro, and *The Invention of the World* by Jack Hodgins. The poets to read are E.J. Pratt, A.M. Klein, Earle Birney, Layton, Margaret Atwood and Al Purdy.

Credit union robbed twice

The Universities & Colleges Credit Union on College Street was hit by two robberies last month that police think may be linked to another bank robbery and a convenience store robbery in the area.

On Sept. 3 a man standing in line gave a teller a note announcing he had a gun and demanding that she put money in his bag. He got away with \$2,800.

On Sept. 25, one day after police had come in to instruct credit union staff

on how to handle a robbery, two robbers with guns got \$5,800 from two tellers. The tellers, freshly instructed, recorded details of their descriptions and police are hopeful that the thieves will be caught, said Bob Fabian, manager of the credit union.

He said those responsible for a credit union robbery about a year and a half ago were caught by police after trying to pass stolen travellers' cheques in Europe.

Koffler pharmacy management institute

Continued from Page 1

and recently graduated pharmacists as well as senior-year pharmacy undergraduates.

Harold Segal, a pharmacy professor serving on the project's University liaison committee, said course participants would be rewarded with "some sort of recognition", although it has not yet been decided whether a diploma is feasible. The institute would not grant U of T degrees as such.

Segal said he envisioned an institute staff of four or five professors cross-appointed from pharmacy and perhaps management studies. It is possible these professors would teach credit courses in pharmacy management through the Faculty of Pharmacy.

"The reason we're not dotting i's and crossing t's is that planning is at a very preliminary stage," explained Bloom. There is no projected opening date for the institute, although Connell

said the University would "go flat out" once funding for the project had been secured.

He said the institute represented a "convergence of goals" between the University and the pharmaceuticals industry, as well as an example of the exciting ideas that can originate in the private sector. Normally, said Connell, it is the University that approaches business concerns for assistance.

The idea of the institute was developed by Bloom and other pharmacy executives as a possible tribute to Koffler, who will be stepping down as chairman of Shoppers Drug Mart in 1986. The institute will be the second building on campus named after Koffler, the first being the recently opened student services centre at College and St. George Streets, to which Koffler donated \$1 million.

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Faculty member acclaimed to Council

Professor Frederick Flahiff, Department of English, St. Michael's College, has been acclaimed to Governing Council, representing Teaching Staff Constituency 1A. Professor Flahiff's term begins immediately and continues until June 30, 1986.



President George Connell and Shoppers Drug Mart founder Murray B. Koffler at a press conference last week to announce plans for an institute of pharmacy management to be built on the southwest campus. Koffler has donated \$500,000 toward the project

UC Lectures

CLAUDE BISSELL Vincent Massey and the Massey Commission

October 16, 1985 4:30 p.m.
Room 140, University College

Transfer payments cut could come a year early

by Arthur Kaptainis

Increased uncertainty surrounds the university funding situation in the wake of last week's revelation that federal Finance Minister Michael Wilson plans to begin reductions in transfer payments to the provinces in 1988, one year earlier than expected.

In its May budget, the federal government said cuts in federal transfers to all provinces would begin in 1987, reaching a level of \$2 billion less than current levels in 1991. The Ontario share of that 1991 cut would be between \$700 million and \$750 million. The total loss to Ontario during the five-year period from 1987

to 1991 would be approximately \$2 billion.

However, last Wednesday in the House of Commons, NDP member Rod Murphy revealed Wilson had told his provincial counterparts that cuts would take effect in 1986 — a charge that was denied in the House by Minister of State for Finance Barbara McDougall, but confirmed by Ontario Treasurer Robert Nixon, who condemned the new federal plans the same day.

Nixon, who is expected to release his first budget later this month, told reporters that the federal decision to begin cuts in 1986 rather than 1987 may prevent the Liberal government from carrying out its election promises.

Bob Richardson, executive assistant to Colleges & Universities Minister Greg Sorbara, said the minister shared Nixon's criticisms of the federal government for "unilaterally" imposing an early cut, but could not rule out immediate impact on universities.

"Our government is certainly committed to revitalizing postsecondary education, because we feel it has been underfunded over the last 10 years," said Richardson. "But any reduction in federal EPF [Established Programs Financing] transfers will have to be considered in determining our capacity to fund postsecondary education."

A Treasury spokesman said Nixon was not yet prepared to elaborate on his Wednesday announcement.

David Nowlan, vice president (research), said he did not view a federal reduction in transfer payments as an open invitation to cut university funding. "My expectation is that if there is a reduced cash flow to the province, that is quite independent of the level at which the province supports universities."

Nowlan added that the federal government would be following an "unfortunate, perhaps disastrous"

course if it cut transfer payments before instituting a national policy for university funding, such as those recommended by the Macdonald Commission or the Johnson report on EPF released last spring.

Will Sayers, communications director for the Council of Ontario Universities, said: "I guess like everyone else we'll be trying to keep our finger on the governmental pulse until the [Ontario] budget statement."

President to speak at Empire Club

On the eve of National Universities' Week, President George Connell will speak at an Empire Club of Canada luncheon on some current perspectives on the relationship between academe and business.

Tickets for the luncheon, to be held Oct. 17, are available to members of the University community at the member's rate of \$13. To reserve seats, call the Empire Club at 364-2878.

Ontario Francophones ask U of T to lead the way in bilingual education

by Mark Gerson

The University of Toronto has a leadership role to play in French-language post-secondary education in Ontario, says Mikale-Andrée Joly. And she wants the university to use its influence and work with other groups in the province to further the cause of bilingual education.

Joly, a regional development officer with Direction Jeunesse, a lobby and liaison group serving Francophone youth in the province, was speaking at a Sept. 27 information day organized by the University as part of la Semaine Francophone, the city-sponsored celebration of French language and culture in Toronto.

About 125 students, teachers and guidance counsellors from Toronto-area French immersion programs and French-language high schools attended the day-long event, which featured speakers, workshops, discussions and a film screening.

Joly also urged Ontario universities to stop duplicating their French-language offerings, and called instead for them to coordinate their efforts to make a broad range of courses and programs available in the province. Most of what is now available in French, she said, is in the social sciences, with little or nothing offered in medicine, biochemistry, mathematics or computer science. "If the University of Toronto wants to help these groups [Francophones and immersion graduates], it should offer programs unavailable elsewhere," she insisted.

Joly said that students seeking their choice program in French face "enormous" financial problems because

existing scholarships don't cover their necessary moving and living expenses. Direction Jeunesse, she said, is lobbying the Ministry of Colleges & Universities and the Department of the Secretary of State to create such scholarships. She acknowledged that the financial problems are aggravated when a student's choice of program is available at only one institution. But she insisted that doubling up programs "should not be a priority until there is a wide selection of different programs in French throughout the province."

According to Anne-Marie Couffin, vice-chairman of the city's French committee, the importance of the Francophone presence in Toronto shouldn't be underestimated. "With one-quarter of a million Francophones, Toronto is one of the largest French-speaking cities in Canada," she said.

Frederick Case, chairman of U of T's French department, said that although his department is one of the largest outside France, the University "has never really addressed the problem of Franco-Ontarians who want to study in French."

"Until now," he said, "we've done little to attract Franco-Ontarians or to facilitate study in French either for them or for immersion students. And Francophones in the province consider the University of Toronto indifferent to their legitimate aspirations."

He said that he and his colleagues "are ready to consider French teaching anywhere in the University, as long as we have the resources to do it." But, he added, it is becoming increasingly difficult to do so because of University attrition policies that are eroding his department.



Distinguished guests at Laskin library fundraiser

More than 400 alumni of the Faculty of Law gathered in the Great Hall of Hart House Sept. 26 to raise funds for the proposed Bora Laskin Law Library and to present the Distinguished Alumnus Award to Mr. Justice G. Arthur Martin of the Ontario Court of Appeal. Guests at the dinner included Ontario Premier David Peterson, Federal Justice Minister John Crosbie (centre), Ontario Attorney General Ian Scott, Canadian Supreme Court justice Gerard LaForest, Ontario chief justice William Howland, and Bob Rae, leader of the Ontario New Democratic Party (right). Also on hand were President George Connell and former law dean and vice-president and provost Frank Iacobucci (left), who was enthusiastically applauded as new federal deputy minister of justice. The dinner ended with the presentation of a Law Alumni Association cheque for \$2,000 to Dean of Law Robert Prichard — the first contribution toward the building of the Bora Laskin Law Library.

Ontario universities should hire 1,000 new professors: OCUFA

The Ontario Confederation of University Faculty Associations (OCUFA) told the Ontario Council on University Affairs (OCUA) last week that 1,000 new faculty members should be hired immediately at Ontario universities.

If a similar number is hired over the next 10 years to replace faculty members who retire, says OCUFA's brief to the OCUA fall hearings, there would be substantial changeover in the Ontario professoriate. "If there is no renewal of the profession, there will be no profession in the future," the brief warns.

"We have heard comments that seek to blame an aging professoriate for the lack of new appointments," says the brief. "This flies in the face of reality. Replacements for retirements should not be confused with new appointments." The confederation has calculated the immediate need for eight percent more faculty members not on the potential number of retirements but on the faculty-student ratios needed in the system to provide a reasonable but not ideal quality. To restore faculty-student ratios to the 1970-71 level of 2.9:1, the universities would have to hire 3,841 new faculty members.

The new hirings should go some distance towards redressing the balance of the sexes in Ontario faculties, OCUFA says. In 1983-84, women accounted for only 16 percent of the professoriate in Ontario but for almost 40 percent of graduate enrolment. There should be the same percentage of females on faculties as in graduate schools, says OCUFA.

The brief stresses that the lack of new appointments relates only to the lack of adequate funds, not to the lack of retirements. The abolition of mandatory retirement should not reduce the number of younger faculty members hired, it says.

The brief urges OCUA to propose to the provincial government that mandatory retirement be ended by legislation. A chart projecting potential damages related to mandatory retirement litigation by faculty members forced to retire at 65 while the anti-discrimination clause in the Charter of Rights and Freedoms is being legally tested suggests that Ontario's universities stand to lose more than \$29 million if the Supreme Court of Canada rules out mandatory retirement in universities.

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Arts and science search committees

The following search committees have been established in the Faculty of Arts & Science to recommend a chairperson in each of the following departments. In the Department of Anthropology an external review is being conducted prior to the search process.

Anthropology

Dean R.L. Armstrong (*chairperson*); Vice-Dean J.J.B. Smith; Professor D.E. Moggridge, associate dean, SGS; Professor U.M. Franklin, Faculty of Applied Science & Engineering; Professor R.M. Farquhar, Department of Physics; Professors J.J. Chew, W.N. Irving and M.D. Levin, Department of Anthropology; Professor B.A. Sigmon, social sciences, Erindale College.

Classics

Dean R.L. Armstrong (*chairperson*); Vice-Dean I.M. Drummond; Professor P.J. Perron, associate dean, SGS; Professor G.C. Weatherly, Faculty of Applied Science & Engineering; Professor Ann Saddlemeyer, director, Graduate Centre for the Study of Drama; Professor Alexander Dalzell, Trinity College, Department of Classics; Professor R.M.H. Shepherd, University College, Department of Classics; Professor J.H. Corbett, Division of Humanities, Scarborough College; Professor R.L. Beek, associate dean, humanities, Erindale College.

Linguistics

Dean R.L. Armstrong (*chairperson*); Vice-Dean C.P. Jones; Professor P.J. Perron, associate dean, SGS; Professor Raymond Reiter, Department of Computer Science; Professor R.H.

Painter, Department of Biochemistry; Professors Barron Brainerd and E.A. Cowper, Department of Linguistics; Professor D.M. James, Division of Humanities, Scarborough College.

The committees would appreciate receiving nominations and/or comments from interested members of the University community. These can be made verbally or in writing to the chairperson of the committee, or to any member of the committee.

Honorary degree for Sheinin

Rose Sheinin, a professor of microbiology at the University of Toronto since 1964, will receive an honorary degree from Mount Saint Vincent University Oct. 20. The university is celebrating its 60th anniversary as a degree-granting institution.

Sheinin, a cancer researcher who is cross-appointed to the Department of Medical Biophysics, is vice-dean of the School of Graduate Studies. She was chairman of the Department of Microbiology & Parasitology from 1975 to 1982 and graduate secretary of medical biophysics from 1973 to 1975. In 1983 she was named a senior fellow of Massey College.

A native of Toronto, she has a BA, MA and PhD from U of T.

How to conduct effective meetings

A course on conducting effective meetings, authorized by the Personnel Department and coordinated by the School of Continuing Studies, is being offered for University of Toronto staff. The course concentrates on skills and knowledge in chairing and participating effectively in meetings;

developing leadership and group facilitation skills; understanding interpersonal styles; and developing skills in problem solving, decision-making, negotiating and managing conflict.

It will run each Thursday from Oct. 17 to Dec. 5. The first session is from noon to 3 p.m. and all other sessions are from noon to 2 p.m.

Call Elaine Preston at the Staff Training & Development Office, 978-6496, for more information and application forms.

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Science Council briefs speak up for SSHRC, MRC, NSERC

The Science Council of Canada has called for stable, long-term financing for the three research councils, new incentives to encourage private sector research and innovation and an immediate review of the 200 federal laboratories.

The recommendations were made in three briefs to Thomas Siddon, minister of state for science and technology. A fourth, on Canada's space program, is expected later this month. Siddon sought the council's advice on these matters in July.

In its advice to the minister, the council also joined the recent chorus of calls for reforms to the way higher education is funded and for the creation of a standing parliamentary committee on science and technology. The House of Commons is one of the few elective bodies in the western world without such a body, it said.

According to the council, five-year plans of the Social Sciences & Humanities Research Council, the Medical Research Council and the Natural Sciences & Engineering Research Council must be respected if the federal government "is seriously interested in establishing the real and dynamic research program that Canada needs and is capable of achieving."

Without five-year rolling budgets, said the council, university researchers can't plan effectively and are forced into "periodic flurries of lobbying" that waste research time.

The council suggested that an additional \$700 million in research funding could be found in 1985-86 by elimin-

ating the new capital gains tax exemption. And a 20 to 25 percent cut in the government's Petroleum Incentive Program "would completely cover the incremental investment needed by the granting councils for the next five years," it said.

"If this government is committed to move from a resource-based society to a knowledge-based society, this objective should show up in the federal government budget, despite the need for fiscal restraint," it said.

The council noted that university research in Canada has been consistently underfunded compared to other countries, and cited a 1984 ranking by the Organization for Economic Cooperation & Development that placed Canada ninth out of 10 in government investment on research and development.

It said that even if the situation has improved since 1979, when per-capita spending on R&D in Canada was less than one-third the US level and half the Norwegian level, "the cumulative effect of these funding shortfalls is staggering."

This underfinancing causes particular problems for universities, it said, because they depend almost exclusively on federal funds for their research budgets. "Private industry is able to generate R&D funds from its profit-making activities," said the council.

It called the "meagre" endowment of SSHRC "distressing" in a society where most jobs are in the service sector and most problems are human problems. And it warned that impor-

tant areas of medical research would be endangered if the government reduced its grant to the Medical Research Council in response to generous public support of popular medical causes.

Cuts in the research budgets of individual government departments would only "add extra financial pressure to the granting councils in an already very difficult period," it added.

The council also called on the government to mobilize its "immense purchasing power" in support of private sector research and innovation. Government procurement and R&D contracts can influence the rate of technological innovation and diffusion more than the "exceedingly blunt" instruments of grants and tax incentives, it said.

While it didn't recommend any additional tax incentives, the council urged the government to increase its grants to small and medium-sized businesses, even at the expense of grants to larger enterprises. "The future growth of the Canadian economy depends on the entrepreneurial spirit and innovativeness of this sector," it said.

The Science Council told Siddon that a thorough third-party examination of the "quality, relevance and efficiency" of the federal government's laboratories is urgently needed.

The labs, which employ 6,000 scientists and cost the government nearly \$1.3 billion a year, "have made a major contribution to the Canadian economy" but now suffer from an array of problems, said the council. These include "heavy-handed bureaucracy", "excessive centralization", poor coordination of federal and provincial research activities, "ineffective technology transfer" and "confusion" over who the labs are meant to serve.

It added that government research "sometimes appears to be less based on its scientific merit than on its ability to filter financial resources to local areas."

The council offered to conduct such a review, but only if additional resources were made available to it. In July, the federal government slashed the council's budget by 45 percent, leaving it with a staff of 30, down from 68.

Questionnaires to guide day care policy committee

A committee established last spring to advise Alec Pathy, vice-president (business affairs) on day care policy has sent out questionnaires to 9,000 U of T employees.

The current policy on day care was passed by Governing Council in 1972. It provides for capital but not operating subsidies by the University and for parental involvement in the running of the day care facility.

U of T has one such facility, the Margaret Fletcher Day Care Centre. Another day care centre, the Campus Co-op, is a tenant of the University.

U of T staff and faculty members are being asked in the survey whether

they would use a U of T day care centre, whether they would pay for it on a cost-recovery basis, and what age children they would place in it. The Margaret Fletcher does not offer infant places; Campus Co-op does.

The committee hopes to make recommendations to Pathy by early spring, says chairman Penny Tai-Pow. Other members of the committee are Eleanor DeWolf, director of personnel, Jack Dimond, secretary of the Governing Council, Eric McKee, assistant vice-president (student services), Lois Reimer, status of women officer, and Chris Torres, comptroller.



More residence space at Scarborough

Balloons and music filled the air as Scarborough College celebrated the opening of new student townhouse residences Sept. 27. President George Connell and Professor Michael Bunce, dean of student residences, took part in the opening ceremonies held on the grounds of the student village just east of the college building. The new buildings make up the second phase of student residences at the Scarborough campus. Each townhouse unit houses four students and is fully self-contained, with kitchen, living and dining room, as well as single bedrooms. With the addition of Phase II, Scarborough can accommodate 394 students in residence.



MARK SAWYER

Ready for opening night

Tomorrow's opening of the drama centre production of Tom Stoppard's "Travesties" also marks the opening of the 170-seat Robert Gill Theatre in the Koffler Student Services Centre. In the audience will be Governing Council appointee Mary Kent, (right), who won the draw to name the theatre, Elaine Culiner, chairman of the fundraising campaign that took in \$150,000 for the theatre's renovation; and Professor Ronald Bryden, former director of the drama centre. The inaugural production in the theatre (named after the late actor and director who was head of Hart House Theatre from 1947 to 1966) is directed by David Parry of the Puculi Ludique Societas (PLS).

Recent Academic Appointments

The following appointments were confirmed at the Sept. 12 meeting of the Academic Affairs Committee.

Faculty of Forestry
Professors Martin Hubbes and Victor G. Smith, associate dean, from Sept. 1, 1985 to Dec. 31, 1985 (extension of appointments)

Department of Art as Applied to Medicine
Professor Alexander M. Wright, acting chairman, from July 1, 1985 to June 30, 1986

Department of Preventive Medicine & Biostatistics
Professor Mary Jane Ashley, chair of the undergraduate and graduate departments, from July 1, 1986 to June 30, 1991 (reappointment)

Department of Civil Engineering
Professors A.M. Crawford and E.J. Miller, associate professor, from July 1, 1985

Department of Mechanical Engineering
Professor A.E. Goldenberg, associate professor with tenure, from July 1, 1985

Institute for Aerospace Studies
Professor A.A. Haasz, associate professor, from July 1, 1985

Department of Economics
Professor Myrna E. Wooders, associate professor with tenure, from July 1, 1985

Department of Political Science
Professor David R. Cameron, professor with tenure, from July 1, 1985

Faculty of Dentistry
Professor D.A. Deporter, professor with tenure, from July 1, 1985; and Professors Gurkan Altuna, J.G. Dale and C.D. Torneck, associate professor, from July 1, 1985

Faculty of Forestry
Professor J.R. Carrow, professor with tenure, from Sept. 1, 1985

Faculty of Library & Information Science
Professor Patricia Fleming, associate professor with tenure, from July 1, 1985

Faculty of Management Studies
Professors D.J.S. Brean and J.R. D'Cruz, associate professor with tenure, from July 1, 1985

Department of Anatomy
Professor Hazel Cheng, professor, from July 1, 1985; and Professor J.A. Saint-Cyr, associate professor, from July 1, 1985

Banting & Best Department of Medical Research
Professor C.J. Ingles, professor, from July 1, 1985

Department of Medicine
Professor S.V. Feinman, professor, from July 1, 1985; and Professor B.W. Gilbert, associate professor, from July 1, 1985

Department of Ophthalmology
Professors W.M. Easterbrook, Frederick Feldman and J.J. Hurwitz, associate professor, from July 1, 1985

Department of Paediatrics
Professors D.A. Jarvis and Maureen Lovett, associate professor, from July 1, 1985

Department of Preventive Medicine & Biostatistics
Professor Roland Hosen, associate professor, from July 1, 1985

Department of Psychiatry
Professor D.E. Stewart, associate professor, from July 1, 1985

Department of Radiology
Professor Alan Daneman, associate professor, from July 1, 1985

Department of Surgery
Professor J.G. Connolly, professor, from July 1, 1985; and Professor G.Y. Paug, associate professor, from July 1, 1985

Ontario Graduate Scholarships

Applications for Ontario Graduate Scholarships are available from all graduate departments. Students should consult their departments for deadlines and procedures.

A limited number of scholarships are available for visa students and recent landed immigrants. Again, as in the

past, visa students receiving an OGS will be exempt from the increased visa student fee.

Students are reminded that, if eligible under the terms, they must apply for an OGS if they wish to be considered for a U of T Open Fellowship.

1985 GAIRDNER FOUNDATION INTERNATIONAL AWARDS LECTURES

AUDITORIUM — MEDICAL SCIENCES BUILDING
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THURSDAY, OCTOBER 24, 1985

Chairman: D.E. Bergsagel, M.D., D. Phil.

- 12:00 noon** Welcoming remarks
C.H. Hollenberg, M.D., President, Gairdner Foundation; F.H. Lowy, M.D., Dean, Faculty of Medicine, University of Toronto
- 12:10 p.m.** Equality of the sexes: the chromosome way
MARY F. LYON, Ph.D., D.Sc., MRC Radiobiology Unit, Chilton, Didcot, Oxon, England
- 12:40 p.m.** How chemistry helped to develop the H human blood group story
RAYMOND U. LEMIEUX, Ph.D., University of Alberta, Edmonton, Alberta, Canada
- 1:10 p.m.** Medical imaging by nuclear magnetic resonance zeugmatography
PAUL C. LAUTERBUR, Ph.D., University of Illinois at Urbana-Champaign, Urbana, IL, U.S.A.

FRIDAY, OCTOBER 25, 1985

Chairman: G.N. Burrow, M.D.

- 12:00 noon** How proteins see DNA and turn genes on and off
MARK PTASHNE, Ph.D., Harvard University, Cambridge, MA, U.S.A.
- Regulation by transcription attenuation
CHARLES YANOFSKY, Ph.D., Stanford University, Stanford, CA, U.S.A.
- 12:40 p.m.** Epidermal growth factor and its receptor
STANLEY COHEN, Ph.D., Vanderbilt University School of Medicine, Nashville, TN, U.S.A.

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MONDAY - FRIDAY 8 am - 5 pm

Budget outlook hopeful, MRC head tells U of T

by Arthur Kaptainis

Dr. Pierre Bois, president of the Medical Research Council of Canada (MRC), during a recent address in the Medical Sciences Building, expressed "cautious optimism" that government support of the funding agency would not decline in 1986-87. The MRC provides nearly half of the external funding received by Faculty of Medicine researchers.

"I know there are some in this room who feel cautious pessimism," said Bois, "but really I do not think things are so bad."

Bois said federal support of the agency had remained relatively stable, in real dollars, since the beginning of the 70s. The MRC, he said, would seek a "small, not significant" increase in base budget support over the 1985-86 level of \$157 million.

Bois also said he hoped the government would not have to be convinced through lobbying, as it was this year, to include a Liberal government sup-

plement of \$30.9 million as part of the MRC base budget. "But one never knows for certain," he said, adding that a final decision from Cabinet on the matter was expected in November.

(The \$30.9 million supplement was included in this year's base budget partly as a result of a campaign organized by various Canadian deans of medicine, including U of T's Fred Lowy. Lowy has estimated that suspension of the supplement would result in a loss of \$5 million to the faculty.)

In response to a question regarding the MRC's own lobbying agenda, Bois said a Privy Council order forbids government agencies from using public funds to hire officers who in turn lobby the government. While the MRC has never done this, Bois continued, it must avoid being seen even "subliminally" to be lobbying.

The talk was part of a two-day visit by Bois and other MRC officers to the University. Included in Bois' agenda

were meetings with President George Connell, Dean Lowy and Vice-Provost (Health Sciences) Charles Hollenberg. There was also an open meeting at which members of the University community were free to meet MRC staff and ask questions.

Lewis Slotin, programs officer for the MRC, said the most common questions put to his staff during the meeting concerned the attitude of the

current government to medical research, and the position of the MRC on funding projects by new investigators. Slotin said that although there is a perception among young researchers of MRC favouritism toward established scientists, almost half of the new projects funded by the MRC involve first-time investigators.

New sugar-to-alcohol process developed by U of T prof

A sugar-to-alcohol conversion process developed by Morris Wayman of the Department of Chemical Engineering & Applied Chemistry will be tested on an industrial scale by St. Lawrence Reactors Ltd., the research arm of the St. Lawrence Starch Co. of Mississauga.

The tests will form part of a larger, 18-month, \$474,000 project which is expected to show that fermentable sugars can be economically produced from indigenous Ontario hardwood and agricultural crop residues, such as corn cobs. The project is supported by \$237,000 from the Ontario Ministry of Energy.

Wayman's contribution is a refined strain of yeast that acts on the five-carbon-atom hemicellulose sugars of wood residues, which have traditionally been regarded as unfermentable. The strain also acts more efficiently on the more common six-carbon-atom sugars such as glucose.

"We didn't invent this strain of

yeast," said Wayman, "but we have upgraded it and upgraded it to the point where we really feel the time has come for industrial adoption."

Wayman explained that the yeast could increase the alcohol yield by 50 percent, at no extra cost. Since the main potential use of this alcohol is as an octane-enhancing supplement to gasoline, the process may attract the interest of gasoline refiners.

By exhausting more of the sugars in wood residues through fermentation, the process also creates, as a by-product, unusually pure lignin, a vegetable fibre comprising approximately 25 percent of wood. This lignin is the basis for several pharmaceutical and chemical products.

Ontario Energy Minister Vince Kerrio said the added value of this high-quality lignin would eliminate the need for government subsidies of ethanol production.

Overhead rates revised

Overhead rates for university research contracts with the federal government have been revised to reflect more accurately the actual overhead costs of a university researcher.

Under an arrangement negotiated with the Department of Supply & Services by the Canadian Association of University Business Officers and the Association of Universities & Colleges of Canada, 65 percent of salaries for on-campus work, 30 percent of salaries for off-campus work, and two percent of travel and living expenses will be

allowed as overhead.

Two exceptions to the new rates are for proposals being submitted to the United States government, where the rate of 45 percent of total direct costs will be retained, and to the Ontario government, where the rate of 30 percent of direct costs will be retained.



Budding engineers?

The Engineering Openhouse held Saturday, Sept. 28 attracted nearly 5,000 people, among them this family watching an elastics liquids demonstration in the mechanical fluid lab. The Slowpoke reactor, a robot arm and a supersonic wind tunnel were subjects of movies, displays and lectures during the day-long event.



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Committee Highlights

The Academic Affairs Committee — September 12, 1985

• the provost presented a report on the implementation of the special merit scheme for teaching staff and librarians. He noted that the special merit fund was intended to enable chairmen to recognize specific accomplishments at the highest level of excellence and to reward those who had a record of outstanding performance over a number of years. The fund had consisted of 0.5 percent of the salary base for faculty and librarians with 0.18 percent of the fund being allotted on a one-time-only basis and the 0.32 percent remainder being added to base salaries. He reported the distribution as follows:

- 650 individuals received a special merit increase with some receiving both a one-time-only award and an increase in base salary
- 500 one-time-only awards were made
- 380 base salary increases were awarded
- one-time-only awards ranged from \$50 to \$3,000 with the majority being between \$300 and \$1,000
- base salary increases were on average smaller than one-time-only awards
- the provost asked that comments about the proposed policy on sexual harassment (*Bulletin*, Sept. 9) be sent to the vice-provost (staff functions). An administrative response to the report of the working group on sexual harassment would be formulated following comment from the University community
- the vice-president (research) reported that the University was lobbying the provincial government to have the supercomputer program maintained or improved (*Bulletin*, Aug. 19).

It was hoped that a positive decision would be made in late October

• received for information a report of the committee on PhD supervision endorsed unanimously by SCS council. The report is intended to present a set of guidelines departments could follow in the development of their supervisory procedures. The SGS dean said most departments already had some or all of the recommended procedures in place. During a discussion of how the recognition of the supervision of PhD students as an integral part of the workload of graduate faculty might be better achieved, the dean said that members of the graduate faculty were under some obligation to make themselves available as supervisors. However, he said, a faculty member's workload, including graduate and undergraduate teaching, research and supervision of students might mean that he or she would not be able to take on new supervisory tasks. He said it seemed reasonable to make this known by publishing a list indicating the "availability" of each faculty member for supervision

• the chair, on behalf of the committee, congratulated the provost on his appointment as deputy minister of justice and expressed regret that the University would no longer have the benefit of his considerable abilities as a scholar and administrator

The Business Affairs Committee — September 18, 1985

• in response to a member's question concerning the absence of a new system of job classifications and a revised merit program on the calendar of business for 1985-86, the assistant vice-president, personnel and

central services, said that a new system for job evaluations was under consideration, but it was unclear what changes would emerge and whether they would constitute a policy change requiring the approval of business affairs. Work had not yet begun on the review of the merit system; it was uncertain whether the administration would bring forward a proposal in the current academic year

• a member noted a statement by the assistant vice-president, personnel and central services, that he hoped to have a new early retirement program for administrative staff in place in time for retirements as of June 30, 1986 and expressed concern about any situation where an early retirement program was available to teaching staff but not to administrative staff.

The assistant vice-president said that the 85-point rule — staff members who were 60, and whose age and years of service to the University were 85 or more, were permitted to request early retirement without any actuarial reduction of their pensions — had been in place for a trial period of three years. The program had been paid for by general operating funds, and the opportunity to retire early had become an entitlement. Discussions about a replacement program had been proceeding in the benefits/pension plan task force, which had considered various different criteria for early retirement and had also considered the option of retirement on the staff member's 65th birthday rather than on the following June 30. The task force had not been able to arrive at a consensus on the question of funding the plan. He said the

administration believed that an early retirement program represented an amendment to the pension plan and that its costs should be met by the pension fund. He said the academic early retirement program was not an automatic entitlement as applicants had to meet the criteria contained in the program and its costs would be borne entirely by the faculty or department employing the early retiree

- approved a capital project: replacement of part of the roof of the Sigmund Samuel Library at a cost of up to \$103,200, subject to provincial funding
- received for information a report on provincial capital grant support for 1985-86. The assistant vice-president, facilities and administrative

systems, said the government had provided about \$2 million for previously approved projects and about \$1.25 million for 17 new projects. This represented about one-quarter of the allocation to all Ontario universities, but only 14 of 57 projects on the St. George campus had been funded. The vice-president (business affairs) noted the University's efforts to convince the province to pay greater attention to the University's own priorities for capital projects, especially at a time of severely limited funding

- The assistant vice-president, facilities and administrative systems, advised the committee she would seek approval for the establishment of appro-

priations and the commencement of projects at a somewhat later date than past practice. Because approval was sought on the basis of pre-design estimates, it was sometimes necessary to request increased appropriations when former costs were available at the tendering stage. Because the committee was not apprised when projects could be completed at or below the approved cost, it received the misleading impression of continuing cost overruns. In fact, when the costs of projects before the committee at this meeting were totalled, actual costs were somewhat lower than total approved costs

PhD Orals

Since it is sometimes necessary to change the date or time of an oral examination, please confirm the information given in these listings with the PhD oral office, telephone 978-5258.

Thursday, October 10
William Kim Blackburn, Department of Philosophy, "Reference and Descriptions." Prof. B.D. Katz. Room 201, 65 St. George St., 2 p.m.

Philip Gardner, Department of English, "The Banquet of the Word: Biblical Authority and Interpretation in Spenser and the Fletchers." Prof. W.F. Blissett. Round Room, Massey College, 3 p.m.

Friday, October 11
Eric T. Meddings, Department of Industrial Engineering, "Man/Computer Symthesis: The Human Factors of Information Systems." Prof. P.J. Foley. Room 309, 63 St. George St., 10 a.m.

Robert Bernard Gibbs, Department of Philosophy, "Responsibility in Community: A Portrait in Philosophy of Religion." Prof. D.D. Evans. Room 111, 63 St. George St., 2 p.m.

Robert Dennis Hiscott, Department of Sociology, "Transcending the Marginal Work World: A Sociological

Analysis of Migration between Atlantic Canada and Ontario." Prof. D.W. Magill. Room 301, 65 St. George St., 2 p.m.

Margot Kathleen Louis, Department of English, "Swinburne and His Gods: The Roots and Growth of an Agnostic Poetry." Prof. W.D. Shaw. Round Room, Massey College, 2 p.m.

Rosangela Mazzuca, Department of Italian Studies, "Giovanni Prati in Italian Literary Criticism." Prof. M.W. Ukas. Room 309, 63 St. George St., 2 p.m.

Jacqueline Margaret Whyte, Department of Education, "An Analysis of the Experience Curriculum of Students in a Form 3 Classroom in Guyana." Prof. M. Connelly. Room 201, 65 St. George St., 2 p.m.

Tuesday, October 15
Andrea Lucille Westcott, Department of English, "The Art of Anne Brontë." Prof. F.T. Flahiff. Room 111, 63 St. George St., 2 p.m.

Thursday, October 17
Tat-Yan Wong, Department of Statistics, "On the Design of Bayes-Type Discrimination Rules." Prof. D.F. Andrews. Room 309, 63 St. George St., 10 a.m.

C.H.S.A. Chang, Department of Community Health, "A Parametric Model for Mortality Analysis." Prof. J. Hsieh. Room 301, 65 St. George St., 2 p.m. (Rescheduled)

Friday, October 18
James Arthur Down, Department of Biochemistry, "Structure of a Human Placental Fc Receptor." Prof. K.J. Dorrington. Room 309, 63 St. George St., 10 a.m.

Scott Kitchener Sakaluk, Department of Zoology, "Nuptial Feeding Behaviour and Sexual Competition in the Decorated Cricket, *Gryllodes Supplicants* Walker (Orthoptera: Gryllidae)." Prof. G.K. Morris. Room 301, 65 St. George St., 10 a.m.

Tuesday, October 22
Steven Mark Wasserstrom, Centre for Religious Studies, "Species of Misbelief: A History of Muslim Heresiography of the Jews." Prof. G.M. Wickens. Room 111, 63 St. George St., 10 a.m.

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Lecture 1: *Empire and Nation to 1750*

Time: Monday, 21 October 1985, 8:00 p.m.

Place: West Hall, University College Refreshments

Lecture 2: *The Thrust Towards National Unity, 1750-1920*

Time: Wednesday, 23 October 1985, 4:00 p.m.

Place: Northrop Frye Hall (003), Victoria College

Lecture 3: *Beyond Nationalism, since 1920*

Time: Thursday, 24 October 1985, 4:00 p.m.

Place: Northrop Frye Hall (003), Victoria College

Erindale College seeks microelectronics facility

by Arthur Kaptainis

The Planning & Resources Committee has approved in principle a proposal to locate a national microelectronics research facility at Erindale College.

The facility would operate under the aegis of the Canadian Microelectronics Corporation (CMC), a group formed in 1983 by the Natural Sciences & Engineering Research Council (NSERC) to pilot a national effort to remain competitive in microelectronics research.

Prof. C.A.T. Salama of the Depart-

ment of Electrical Engineering, who is also chairman of the CMC, said the various plans being considered for the facility involve capital costs ranging from \$70 million to \$150 million. This money is not budgeted in NSERC's current five-year plan and would have to come directly from the federal cabinet.

However, there is no word yet from the government on whether the project will get off the ground, let alone when and where. There are four other sites being proposed by groups in

Montreal, Ottawa, Edmonton and Vancouver.

One of the advantages of the Erindale site, according to a local committee of university and business people chaired by Erindale associate dean (sciences) Jeff Fawcett is the availability of land and the fact that existing utilities can easily accommodate a new structure.

Original plans for the campus envisioned a South Building comprising eight teaching blocks, of which only two were completed. The microelectronics facility could be erected behind the South Building, over an already-existing service tunnel connecting the South Building to the Erindale utilities plant.

Another advantage, according to the proposal from the committee, is the proximity of Erindale to McMaster University and the Universities of Guelph, Waterloo and Western Ontario, all of which have expressed interest, along with Toronto, in cross-appointing staff to the facility. Also nearby are the Ontario Research Foundation, high-technology companies such as Northern Telecom, Linear Technology and Litton Systems Canada and Pearson Inter-

national Airport.

The aims of the facility would be to train graduate engineering students, pursue advanced research and serve as a think-tank and information centre for university, industry and government activities in microchip technology.

Assistant vice-president (planning) Dan Lang, who presented the proposal to planning and resources, said it was unlikely U of T or any other university could afford to build a similar facility on its own.

"It would provide a quantum leap in the types of research people could do," Lang added. "In some respects researchers simply don't apply for grants in this area because they know there is no place to do the research."

Lang said that while other Canadian sites are being considered by NSERC, Erindale's chances are enhanced by the endorsements of McMaster, Western, Guelph and Waterloo.

The Fawcett committee proposal is an expansion of an informal suggestion made in May 1984 to NSERC president Gordon MacNabb by former U of T president David Strangway.

Personnel investigating response to pub fight

Director of Personnel Eleanor

DeWolf is currently investigating the allegedly tardy response of the U of T Police to an emergency call from the operators of a Hart House student pub late in the evening of Sept. 20.

The call concerned a fight that sent five people to hospital, two with stab wounds. No arrests have been made in connection with the incident, although Metro Police Sergeant Jim Hughes says the case has not been closed.

U of T Police Chief Greg Albright declined comment on the incident pending the outcome of DeWolf's investigation, except to say U of T Police logged the first call from Hart House at 11.43 p.m. However, according to Hart House assistant warden Peter Wall, the manager of the pub has reported making this call at 11.30. The manager has also said

Metro and U of T Police arrived together at midnight, with the Metro officers "at the head of the parade".

In the week following the stabbings, Chief Albright reported on the campus police response to Bob Crouse, director of physical plant, who in turn contacted DeWolf. Although neither Crouse nor Albright would comment on that report while the matter remained under review, DeWolf confirmed that Albright's report "established the grounds" for her own investigation.

Hart House warden Richard Alway says nothing remotely resembling the Sept. 20 incident has happened at pubs in the building. "I would hope for us it is an isolated incident. What this obviously does is cause everyone to redouble efforts with regard to security and checking for identification."

Alway said he would make a decision on whether to reopen weekend pubs (now suspended) after all the reports on the incident are complete, adding that it would be unfortunate to suspend a campus activity because of the behaviour of "invaders from the outside".

The consensus among Hart House staff is that non-students started the fight, although Hughes said: "It's hard to say who started what. There are several versions of what happened."

There has been no change in U of T Police policy regarding emergency calls as a result of the incident, said Albright. "Everything was in place prior to it," he said. "If the call was in fact not responded to quickly enough, it was just unfortunate. It is not that our policy [of quick response] wasn't there."

Change of editorship at the Quarterly

Beginning with the fall issue, the *University of Toronto Quarterly* will have a new editor. After nine years in the post, W.J. Keith will be succeeded by T.H. Adamowski, recently appointed chairman of the Department of English. B.-Z. Shek, after eight years as associate editor, was replaced in the fall of 1984 by L.E. Doucette of the Department of French, the Division of Humanities (Scarborough College), and the Graduate Centre for the Study of Drama.

Identifying itself as a "Canadian Journal of the Humanities", the *Quarterly* has an international focus

as well, publishing articles in English or French on a wide variety of topics, from fine art and classics to philosophy, music and national literatures. The largest (summer) issue is annually devoted to a review of significant literary and critical production in Canada in the preceding calendar year, while the three other issues are normally concerned with non-Canadian topics. Now in its 56th year, it has some 1,200 regular subscribers, most of them institutional and about two-thirds of them abroad.

Erindale late night shuttle

Lobbying by the Erindale College Student Union has resulted in evening shuttle bus service between the St. George and Erindale campuses.

A bus now leaves Erindale for the Medical Sciences Building at 6.15 and 10.15 p.m. and departs from the MSB for Erindale at 7.15 and 11.15 p.m.

Tickets are available from the Erindale Student Union Office, the Erindale tuck shop and room 160, and on the St. George campus, at the porter's desk at Hart House.



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RESEARCH NEWS

For further information and application forms for any of the following agencies, please contact ORA at 978-2163.

Application Deadlines for MRC, NSERC and SSHRC
A number of major deadlines are approaching, most notably the **October 15** deadline for SSHRC and the **November 1** deadline for MRC and NSERC. Between now and Nov. 1 more than 1,200 applications will be processed through the Office of Research Administration. In order to help us to be more efficient in assisting you, we would ask the following:

Please obtain all necessary signatures prior to bringing the application to ORA. These may include chairman, dean, hospital director, college principal, co-investigator, computer approval and others. Consult the ORA booklet, *Information: Research Policies and Procedures*, August 1985, for signature requirements.

For new applications with a value equal to or greater than \$200,000 per annum in the pure and applied sciences or health sciences, a "resource implications brief", signed by the appropriate dean and/or principal, should accompany the application when it is submitted to ORA. Because the review procedure for these large applications is more detailed, the turnaround time for signatures will be somewhat longer than for other submissions and applicants may want to take this into consideration.

Please see the ORA booklet, pages 11-12, for further information.

Please bring to ORA the original application for University signature plus one copy for University retention. Clipped to the copy should be a completed ORA-5 form plus, where applicable: ORA 2 (animals), 3 or 7 (humans), or 10 (biohazards).

Individual departmental or faculty conditions should be accommodated before submission to ORA.

For other than NSERC applications, which should be submitted according to the internal departmental dates, all applications will be processed on a "first-come, first-served" basis. Because of the volume of applications which are being processed, no appointments for review and signature can be accommodated. Please attach to the application a telephone number where you can be reached, either for questions or for notification when the application is ready to be picked up. Applications will be processed as quickly as possible.

For questions on NSERC, contact Pamela Helmes-Hayes; MRC, contact Susan Haggis; SSHRC, contact Judith Chadwick, all at 978-2163. Thank you for your help.

Canadian Commonwealth Fellowship Plan
Applications from those

interested in hosting a Canadian Commonwealth visiting fellow in 1986-87 should be submitted to ORA by **October 18**. One application will be selected and forwarded to the sponsor for consideration.

In last year's competition the University was successful in its application to host a research fellow and is therefore not eligible to submit another such application until October 1986.

Medical Research Council
A number of policy changes and modifications have been made to MRC award programs. Please consult the new MRC Grants and Awards Guide 1985-86. Major changes which affect upcoming application deadlines are noted below.

Research Associates
This is a new program to recruit independent investigators in basic and clinical sciences. Candidates must hold an MD, DES, DVM, PharmD, PhD or equivalent, and have a minimum nine years' experience. Five awards will be offered and no more than three may be held at any one university and its affiliated institutions at the same time.

Special Studentship Awards 1986
The deadline date has been changed to **January 15** from Nov. 15.

Operating/Major Equipment Maintenance Grants
A new MRC 11 (1985) form

has been issued for these awards. MRC has advised that the 1985 form only will be accepted for the **November 1** deadline. Old forms are not to be used.

Social Sciences & Humanities Research Council

Research Grants Division
New guidelines and application forms for standard research grants will be implemented for the **October 1986** deadline. Please note this change of information from the *Bulletin* of Sept. 23.

Fellowships Division
SSHRC has recently announced that an Applicant Registry form must be submitted in conjunction with a leave fellowship application for 1986-87. Forms are available from ORA.

George & Helen Vair

Foundation
This is a new foundation, incorporated in 1984, with special interest in the following program areas: Humanization of man's environment; Technology and education; Canada's new immigrants; Canada - France relations.

Applications in letter form will be accepted at any time. Investigators submitting applications are requested to have the letter countersigned by ORA on behalf of the University and to follow the usual procedure with respect to ORA attachments and copies.

World Wildlife Toxicology Fund

This is a new program, launched in 1985, to support high-calibre scientific research in the area of wildlife toxicology. There is no deadline date, and applications are reviewed on an ongoing basis.

Upcoming Deadline Dates

American Council of Learned Societies (American citizens and permanent residents only) - travel to international meetings (March - June): **November 1**.

American Lung Association - research grants: **November 1**.

Arthritis Society - research grants, personnel awards: **October 15**.

J.P. Bickell Foundation - research grants: first week of December at the foundation. Internal ORA deadline for applicants from all faculties except medicine, **November 15**; applicants from the Faculty of Medicine should contact Rosalind Bugala in the research office of the faculty for their internal deadline.

Canadian Liver Foundation - research grants (new and renewal), personnel awards: **November 15**.

Canadian Paraplegic Association - research grants: **November 1**.

J.H. Cummings Foundation - applicants in the Faculty of Medicine should contact Rosalind Bugala in the research office of the faculty for their internal deadline; deadline for applications at ORA from investigators outside the Faculty of Medicine: **November 1**.

Hannah Institute for the History of Medicine - personnel and research grants: **November 1**.

Hospital for Sick Children Foundation - personnel and research grants: **November 1**.

Kidney Foundation of Canada - research grants: **October 15**.

Medical Research Council - maintenance and operating (renewal only), research associates, major equipment, program grants (new and renewal - applications only), MRC scientists: **November 1**.

Muscular Dystrophy Association (US) - fellowships and research grants (request for application): **November 30**.

National Cancer Institute of Canada - research and equipment grants: **November 15**.

National Institutes of Health (US) - research grants (unsolicited): **November 1**.

Natural Sciences & Engineering Research Council - CIDA/NSERC - research associateships, bilateral exchange program, international collaborative research grants, international scientific exchange awards: **October 15**; NSERC - operating, equipment, travel, URF: **November 1**.

Ontario Mental Health Foundation - individual awards, publication program, conference program: **November 29**.

Ontario Ministry of Health - personnel and research grants: **November 1**.

Physicians' Services Inc. Foundation - research grants: **October 21**.

Savoy Foundation Inc. - personnel and research grants: **November 1**.

Conn Smythe Research Foundation (Easter Seal Research Institute) - fellowships, project grants, research training grants: **October 15**.

SSHRC - Research Grants Division - standard research grants: **October 15**; Research Communications Division - aid to occasional scholarly conferences in Canada (March-June): **October 30**;

International Relations Division - travel grants for international conferences (February-May): **November 1** (please note change);

Fellowships Division - doctoral completion fellowships in management studies: **November 15** (renewals: **January 15**);

Strategic Grants Division, development of management research - research initiatives: **November 15**.

U of T - Humanities & Social Sciences Committee, Research Board - general research grants: **October 15**; grants-in-aid: **December 1**; conference travel grants: **December 15**.



Centre for Women's Studies in Education

252 Bloor Street West, Toronto, Ontario M5S 1V6

presents

Popular Feminism: A Lecture and Discussion Series

The speakers, all Women's Studies faculty at OISE, will talk on how feminism has influenced and shaped their work.

- | | |
|---------------|--|
| Oct. 7, 1985 | Mary O'Brien: "Collective Pilgrimage"
Room 2-211 |
| Nov. 4, 1985 | Jeri Dawn Wine: "Towards a Feminist Standpoint for Psychology"
Room 2-212 |
| Dec. 2, 1985 | Ruth Roach Pierson: "Two Marys and a Virginia"
Room 3-311 |
| Jan. 13, 1986 | Margrit Eichler: "Between Two Chairs and Loving It"
Room 2-211 |
| Feb. 3, 1986 | Paula Caplan: "Psyching Women Out"
Room 2-211 |
| March 3, 1986 | Dorothy Smith: "Feminism and the Malepractice of Sociology"
Room 2-211 |
| April 7, 1986 | Kathy Rockhill: "The Chaos of Subjectivity in the Ordered Home of Objectivity"
Room 3-311 |
| May 5, 1986 | Alison Prentice: "Feminism and the Practice of History"
Room 3-311 |

All lectures begin at 8:00 p.m. and there will be an opportunity for small group discussion afterwards

ALL WELCOME

FREE ADMISSION

International studies centre review

A review committee has been struck to review the Centre for International Studies. Members are: Professor T.M. Robinson, dean, SGS; Professor D.E. Moggridge, associate dean, SGS (chairman); Professor Ian Drummond, vice-dean, Faculty of Arts & Science; Professor Modris Eksteins, history, Scarborough College; Professors Janice Stein and Stefan Dupré, political science; Professor Albert Berry, economics; Professor Robert Prichard, dean, Faculty of Law; Pro-

fessor W.C. Graham, law; Professor Aubie Angel, director, Institute of Medical Science; Garol Nash, graduate student, education; and P.J. White, SGS (secretary).

The committee will be pleased to receive comments or submissions from interested persons until **November 8**. These comments/submissions may be mailed to Associate Dean Donald E. Moggridge, chairman of the committee, at the School of Graduate Studies, 63 St. George St.



1985 ALEXANDER LECTURES The Victorian Sense of the Present

Richard Altick

Regents' Professor Emeritus, Ohio State University

- | | |
|--------------------------------|-----------------------|
| <i>Tales of Modern Life</i> | Monday, October 21 |
| <i>The Distanced Present</i> | Tuesday, October 22 |
| <i>Themes for the Times</i> | Wednesday, October 23 |
| <i>Topicality as Technique</i> | Thursday, October 24 |

4:30 pm, WEST HALL, UNIVERSITY COLLEGE

Events

Lectures

Collective Pilgrimage.
Monday, October 7
Prof. Mary O'Brien, Ontario
Institute for Studies in
Education, Women's Studies
Popular Feminism series.
Room 2-211, Ontario Insti-
tute for Studies in Educa-
tion, 252 Bloor St. W. 8 p.m.

**Traditions, Conditions and
Solutions in Housing in
India.**
Tuesday, October 8
Jai Sen, architect, Calcutta.
Room 103, 230 College St.
6:30 p.m.
(Architecture & Landscape
Architecture)

**Living Water: The Social
Aspect of Greek and Roman
Water-Lifting Technology.**
Wednesday, October 9
Prof. John P. Oleson, Uni-
versity of Victoria. Lecture
theatre, McLaughlin
Planetarium. 4:30 p.m.
(Toronto Society, Archae-
ological Institute of America)

**The Evolution of World
Society: Process and
Prospects.**
Wednesday, October 9
Dieter Heinrich, World
Federalists of Canada. 179
University College. 5:15 to
7 p.m.
(Science for Peace, UC)

**Adventures and Misadven-
tures of a Biographer.**
Wednesday, October 9
Prof. Richard Ellman, Uni-
versity of Oxford.
Auditorium, Medical
Sciences Building. 8 p.m.
(English, Drama Centre,
Comparative Literature,
Public & Community Rela-
tions and Arts & Science
Challenge Fund)

Canadian Perspectives.

Radiation and You.
Thursday, October 10
Prof. H. W. Taylor, Depart-
ment of Physics, Erindale
College.

**Soviet Schools as Society in
the 80s.**
Thursday, October 17
Prof. N. Shneidman, Depart-
ment of Slavic Languages &
Literatures.
Second and third in series of
nine. Council Chamber,
South Building, Erindale
College. 10 a.m. to 12 noon.
Fee \$25 series.
Information: Maryann
Wells, 828-5214, or Dr. Ed
Thompson, 978-8991.
(UTAA Senior Alumni,
Associates of Erindale and
Meadowdale Seniors)

Society's Attitudes towards Women and Children as Portrayed by the Media.

Tuesday, October 15
Prof. Rose Dyson, Ontario
Institute for Studies in
Education, University
Women's Club, 162 St.
George St. 7:30 to 9 a.m.
Information: Ellen
Wasserman, School of
Graduate Studies, 978-2665.
(U of T Women's Network)

**1914: A Failure of the
Peace Movement?**
Tuesday, October 15
Prof. Em. James Joll, Lon-
don School of Economic;
1985 Snider visiting lecturer
at Scarborough College.
S-319, Scarborough College.
4 p.m.

**Vincent Massey and the
Massey Commission.**
Wednesday, October 16
President Em. Claude
Bissell; UC Lectures. 140
University College. 4:30 p.m.

**The Arms Race: Myth and
Reality.**
Wednesday, October 16
Prof. George Wald, Harvard
University. West Hall, Uni-
versity College. 8 p.m.
(Science for Peace, UC)

**The Outbreak of the First
World War: A Problem of
Historical Explanation.**
Thursday, October 17
Prof. Em. James Joll, Lon-
don School of Economics;
Snider visiting lecturer at
Scarborough College. S-319,
Scarborough College. 4 p.m.

**Jinnah of Pakistan: A
Paradoxical Life.**
Friday, October 18
Prof. Stanley Wolpert, Uni-
versity of California, Los
Angeles; 1985 Aziz Ahmad
lecture in South Asian and
Islamic studies. Upper
Library, Massey College.
3 p.m.
(South Asian Studies)

**Inconstancy: A Stellar
Virtue.**
Sunday, October 20
Prof. John R. Percy, Depart-
ment of Astronomy; presi-
dential inaugural lecture,
Royal Canadian Institute;
joint meeting with Royal
Astronomical Society of
Canada, Toronto Centre.
Auditorium, Medical
Sciences Building. 3 p.m.

**Polyethnicity and National
Unity in World History.**
Prof. William H. McNeill,
University of Chicago;
Donald Crant Creighton
lectures.

Empire and Nation to 1750.
Monday, October 21
West Hall, University
College. 8 p.m.

**The Thrust Towards
National Unity, 1750-1920.**
Wednesday, October 23

**Beyond Nationalism, since
1920.**
Thursday, October 24
Room 3, Northrop Frye Hall,
Victoria College. 4 p.m.
(History)

**The Victorian Sense of the
Present.**

Tales of Modern Life.
Monday, October 21

The Distanced Present.
Tuesday, October 22

Themes for the Times.
Wednesday, October 23

Topicality as Technique.
Thursday, October 24

Prof. Em. Richard Altick,
Ohio State University;
Alexander lectures. West
Hall, University College.
4:30 p.m.
(UC)

**Modern China's Struggle
with Its Past.**
Monday, October 21
Prof. Jonathan Spence, Yale
University; Snider visiting
lecturer at Erindale College.
Council Chamber, South
Building, Erindale College.
8 p.m.

**Common Sense, Science
and Nursing: Issues in
Coping.**
Monday, October 21
Prof. Jean Johnson, Uni-
versity of Rochester, visiting
Rosenstadt professor in
health research. Cody Hall,
Faculty of Nursing. 8 p.m.



Malcove collection

Seventeenth century cross (left) that belonged to the last
czarina of Russia, and 6th century bronze double lamp,
from the Malcove collection, at the Justina M. Barncie
Gallery, Hart House.



Colloquia

**Use of the Polygraph in
Staff Assessment:**

A British View.
Wednesday, October 9
Prof. Anthony Calk, Univer-
sity of Southampton. 2135
Sidney Smith Hall. 4 p.m.
(Psychology)

**Federalism and the
Development Process in
India.**

Thursday, October 10
Prof. Amal Ray, Institute for
Social & Economic Change,
Bangalore. Senior Common
Room, Vanier College, York
University. 3 to 5 p.m.
(South Asian Studies)

**Macroscopic Quantum
Phenomena.**
Thursday, October 10
R.A. Webb, IBM, Yorktown
Heights, NY. 102 McLennan
Physical Laboratories.
4 p.m.
(Physics)

Earth's Magnetic Field.
Thursday, October 17
Prof. C.E. Backus, Univer-
sity of California, San Diego.
102 McLennan Physical
Laboratories. 4 p.m.
(Physics)

**Enantioselective Synthesis
of R- or S-alpha-
Functionally Substituted
Carbonyl Compounds via
Chiral Organosilicon and
Tin Enamines.**
Friday, October 18
Prof. Bernard de Jéso, Uni-
versity of Bordeaux. 158
Lash Miller Chemical
Laboratories. 3:30 p.m.

Erindale Campus

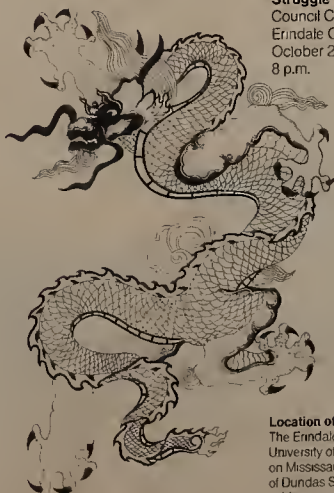
University of Toronto in MISSISSAUGA

Erindale presents 1985 Snider Visiting Lecturer

Jonathan Spence

Chairman
Department of History
Yale University

**Modern China's
Struggle With Its Past**
Council Chamber, South Building
Erindale Campus, U of T
October 21, 1985
8 p.m.



Location of Erindale
The Erindale Campus of the
University of Toronto is located
on Mississauga Road, just north
of Dundas Street (Hwy #5)
in Mississauga, Ontario.

The Campus is easily accessible
via the Mississauga public transit
system. U of T faculty, staff and
students should consult the 85-86
schedule for the intercampus
bus service.

Admission Free

To ensure adequate seating at the
Erindale Campus you are asked to
call 828-5214 if you plan to attend.

Events

Seminars

The Organization and Procedures of the Roman Inquisition.

Monday, October 7
Prof. John Tedeschi, University of Wisconsin, Madison, 119 Northrop Frye Hall, Victoria College. 4 p.m.
(Reformation & Renaissance Studies)

Hormonal Responses to Exercise.

Monday, October 7
Dr. W. Van Helder, Department of Physiology, 330 Benson Building. 4 p.m.
(P&HE)

Tools and Schools of Thought.

Monday, October 7
Miodrag Cvitkovic, Ontario Institute for Studies in Education; Problems in Literacy series. Coach House, 39A Queen's Park Cresc. E. 7.30 p.m.
(McLuhan Program)

Inquisitorial Law and the Witch.

Wednesday, October 9
Prof. John Tedeschi, University of Wisconsin, Madison. Alumni Hall, Victoria College. 4 p.m.
(Reformation & Renaissance Studies)

A Physiological Model for the Evaluation of Muscular Forces in Human Locomotion.

Thursday, October 10
Dr. Michael R. Pierrynowski, School of Physical & Health Education, 412 Rosebrugh Building. 1 p.m.
(Biomedical Engineering)

Legal Theory Workshop Series.

Themes of Contracts and History.
Friday, October 11
Prof. James Cordley, University of California, Berkeley. Solarium, Falconer Hall, 84 Queen's Park. 1.10 p.m.
Copy of paper in advance \$3 (includes lunch) from Verna Percival, Faculty of Law, 978-6767.

Urban Development and Conflict in India: The Struggles of the Unorganized Sections of the Working Class in Calcutta.

Friday, October 11
Jai Sen, architect, and Munni Sen, community activist, Calcutta. Upper Library, Massey College. 2 to 4 p.m.
(Development Studies, Urban & Community Studies and South Asian Studies)

Law and Economics Workshop Series.

Gatekeeper Liability.
Wednesday, October 16
Prof. Renier Krakman, Yale University. Solarium, Falconer Hall, 84 Queen's Park. 12 noon to 1.45 p.m.
Copy of paper in advance \$3 (includes lunch) from Verna Percival, Faculty of Law, 978-6767.

Current Controversies in Modern German History.

Wednesday, October 16
Prof. Em. James Joll, London School of Economics; Snider visiting lecturer at Scarborough College. Seeley Hall, Trinity College. 4 p.m.
(History and International Studies)

Présent Status of Health Effects Research on Electrical Power.

Thursday, October 17
Andrew Cutz, Canadian Centre for Occupational Health & Safety, Hamilton; series on the Interaction of Electric and Magnetic Fields with Living Matter. Room 111, 1 Spadina Cresc. 11 a.m.
(Ophthalmology and MRC Group in Periodontal Physiology)

Microcirculation and Oxygen Transport in Skeletal Muscle.

Thursday, October 17
Prof. Alan C. Groom, University of Western Ontario, 412 Rosebrugh Building. 1 p.m.
(Biomedical Engineering)

Continentalism Challenged: A Cross-National Perspective on Cities in North America.

Friday, October 18
Prof. John Mercer, University of Syracuse; brown bag series. Room 204, 455 Spadina Ave. 12.15 p.m.
(Urban & Community Studies)

Historical Problems in Himerius.

Friday, October 18
Prof. T.D. Barnes, Department of Classics, 148 University College. 3 p.m.
(Classics)

Methods for Measuring Chemical Control of Breathing.

Monday, October 21
Dr. A. Rebuck, Division of Respiratory Medicine, Toronto Western Hospital. 330 Benson Building. 4 p.m.
(P&HE)



Wealth and Health, a 16th century comedy produced by PLS, Oct. 10 to 12 and 18 and 19. See Plays and Readings for details.

Meetings & Conferences

Research Society for Victorian Periodicals.

Friday, October 18 and Saturday, October 19
17th annual conference. Scholars from Britain, Canada and US will present papers. Events include Victorian banquet and theatrical evening, "The Fallen Woman: An Evening of Drama, Dance and Song". Massey and University Colleges.
Information and registration forms: Merrill Distod, 978-4827.

Thought and Language in Enlightenment Philosophy.

Friday, October 18 to Sunday, October 20
Conference on 17th and 18th century philosophy: Locke and Leibniz on (Linguistic) Particles; Lying, Now and Then; The Grammar of Reason; Berkeley on the Ineffable; Modalities in Language, Thought and World in Descartes, Leibniz and Crusius; How Language Went Public in the 17th Century; Leibniz on the Classificatory Function of Language; Hobbes on the Relation between Language and Consciousness. Combination Room, Trinity College.
Information: Prof. Graeme Hunter, Department of Philosophy, 978-6790.

Concerts

FACULTY OF MUSIC EDWARD JOHNSON BUILDING

Thursday Noon Series.
Thursday, October 10
Joanne Oppenorth, violin; winner of Eckhardt-Crammett national music competition.

Thursday, October 17
Anxiety and Musical Performance, Prof. Dale Reubart, University of British Columbia. Walter Hall. 12.10 p.m.

U of T Symphony Orchestra.

Saturday, October 19
Michel Tabachnick, conductor. MacMillan Theatre. 8 p.m.
Tickets \$8, students and senior citizens \$5.

U of T Wind Symphony.
Sunday, October 20
Eugene Rittich, conductor. MacMillan Theatre. 3 p.m.
Tickets \$3.

Information on all events in Edward Johnson Building available from the box office, 978-3744.

Exhibitions

Faculty of Architecture & Landscape Architecture.

To October 9
Campi + Pessina + Piazzoli. Galleries, 230 College St. Gallery hours: Monday-Friday 9 a.m. to 5 p.m. except Thursday to 8 p.m.

Erindale College.

To October 27
Charlotte Schreiber Retrospective. Gallery hours: Monday-Friday, 11 a.m. to 7 p.m.; Saturday Sunday, 12 noon to 5 p.m.
Please note new gallery hours.

Robarts Library.

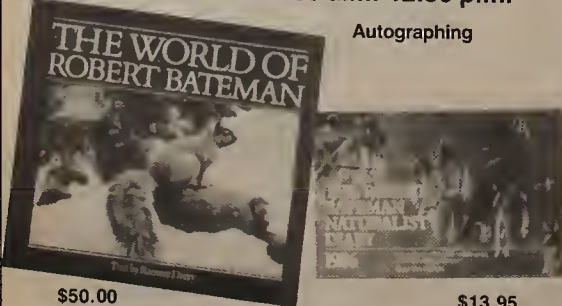
To October 28
Discover Poland, photographs, publications, arts and crafts of Polish culture, prepared by Polish Heritage Society of Canada. Main display area. (Public & Community Relations and Polish Heritage Society of Canada)

Justina M. Barneke

Gallery, Hart House
October 10 to November 7
Malcoe Collection - Part I, prehistoric, early Christian, Byzantine and post-Byzantine objects. Gallery hours: Tuesday to Saturday, 11 a.m. to 6 p.m.

Meet ROBERT BATEMAN
October 16th — 11:30 a.m.-12:30 p.m.

Autographing



\$50.00

\$13.95

The paintings of Robert Bateman have a powerful impact that photography cannot equal and that few other painters can achieve. His skill at depicting a spectacular variety of birds and mammals in rich, complex settings has brought him to the forefront of his field and to international renown.



Events

Plays & Readings

UC Poetry Readings.

Wednesday, October 9
Christina Rosetti, read by
Prof. Hans de Groot.

Wednesday, October 16
Erin Mouré reading from her
own work.

Walden Room, UC Union, 79
St. George St. 4.10 p.m.

Travesties.

October 10 to 12, 15 to 19 and
22 to 26

By Tom Stoppard; opening
production, Graduate Centre
for the Study of Drama
1985-86 theatre season. Four
plays, first in Robert Gill
Theatre, Koffler Student
Services Centre (St. George
St. entrance); following
three, The Trojan War by
Euripides, Three Sisters by
Chekhov and Othello by
Shakespeare, in Hart House
Theatre.

All performances at 8 p.m.
Subscription \$28, students
and senior citizens \$14;
single tickets \$8, students
and senior citizens \$4.

Reservations: Monday to Fri-
day 11 a.m. to 5 p.m.,
performance Saturdays only,
1 to 5 p.m.; lobby box office
open 5 p.m. to curtain time.
Box office: 978-8668.

Wealth and Health.

October 10 to 12 and 18 and
19

Sixteenth century comedy
produced by Pociu Ludique
Societas. East Hall, Univer-
sity College. 8 p.m., matinee
Oct. 19 at 2 p.m.

Tickets \$7, students and
senior citizens \$5; matinee
pay-what-you-can.

Information and tickets:
978-8668.

Governing Council & Committees

Research & Academic
Services Subcommittee.
Wednesday, October 9
Meeting cancelled.

Academic Affairs Committee.

Thursday, October 10
Council Chamber, Simcoe
Hall. 4 p.m.

Governing Council.

Thursday, October 17
Council Chamber, Simcoe
Hall. 4.30 p.m.

Planning & Resources Committee.

Monday, October 21
Council Chamber, Simcoe
Hall. 4 p.m.

Miscellany

Folk Dance Anthology.

Friday, October 11 and
Saturday, October 12
Dances from Spanish-
speaking countries. St.
Michael's Theatre, Alumni
Hall, 121 St. Joseph St.
8 p.m.

Tickets \$10, students and
senior citizens \$5.
Information box office:
926-7135.

(Alianza Cultural
Hispano-Canadiense)



A winning design

Leslie Peer, 21, while a fourth-year U of T civil engineering student, won the top prizes in the entrepreneurial divisions of the recent Ontario and Canadian Engineering Design Competitions for inventing a new method of strengthening and repairing concrete columns such as those used in parking garages. The defective column is surrounded with a shell of thin steel or high tensile coil, and an expanding liquid mortar is fed into the gap between column and shell. When the mortar expands, pressure is exerted against the walls of the column. The resulting compression, Peer discovered, triples the load capacity of the column, opening up the possibility of its use not only for repair but prior to adding new floors to a building. Peer used one-quarter scale models (seen above) to develop the technique, which was inspired by a theoretical problem posed in class by Professor Ronald Mills. Because it is simpler and less expensive than the usual replacement method, the Innovations Foundation is considering applying for a patent on Peer's technique.

National Universities Week

Historical Walking Tour,
St. George Campus.

Sunday, October 20
Donald Jones, The Toronto
Star. Trinity College. 2 p.m.
In case of inclement weather
tour will be rescheduled to
Nov. 3.
Tickets free but required.
Information: 978-6564.

The University in Today's Society.

Tuesday, October 22
Hon. William G. Davis, lec-
ture to launch Showcase
series. Auditorium, Medical
Sciences Building. 8 p.m.

A complete schedule of
National Universities Week
Events will be published in
the next issue of the
Bulletin.



EXTENDING IDEAS INTO YOUR COMMUNITY

In Memoriam

Stanley Chamberlain Best,
preventive medicine and
biostatistics, behavioural
science, paediatrics, and
physical health and educa-
tion, Sept. 27.


Born in 1916 to missionary
parents, Dr. Best spent his
first 15 years in west China
before coming to Toronto. In
1939 he earned his BA from
Victoria College, receiving
his MD from the School of
Medicine in 1943. He then
entered military service as a
captain in the Royal Canadian
Army Medical Corps,
serving also as chief
epidemiologist of the
venereal disease control unit
at National Defence head-

quarters in Ottawa. After
the war he completed
residencies in Toronto and
Montreal in paediatrics and
pathology, going on to earn a
master's degree from the
Harvard School of Public
Health.

This was followed by 15
years' service as director of
the child health division of
the Saskatchewan Depart-
ment of Public Health, as
well as membership on the
medical staff of Regina
General Hospital. In these
positions Best gained a
reputation as an innovator in
social and preventive
medicine, especially in con-
nection with children.

In 1965 he moved to Ann
Arbor to become associate
professor of maternal and
child health at the University
of Michigan. He returned to
U of T in 1971, where he
taught until his retirement in
1981.

Best belonged to several
medical councils, committees
and societies during his
career, and served often as a
consultant or adviser to
government departments
dealing with paediatrics and
health-care issues. In 1960 he
was president of the Cana-
dian Paediatric Society and a
founding board member of
the Canadian Conference on
Children.



N·E·W·S

university of toronto computing services

More Short Courses Coming! UTCS — A Profile

You say you've always wanted to know what JCL stood for but the IBM manual reads like a foreign language? Or, you know SAS basics but now you want to really sink your teeth into the package? Now's your chance. UTCS will be offering short courses to cover these two exciting topics. The courses are hands-on, so you retain more of what you learn. And when you do have problems, the course instructor can answer your questions immediately. For the nominal course fee, you definitely get more than your money's worth.

JCL101 — JCL of Beginners

An introduction to JCL (Job Control Language). Users taking this course will be expected to have some knowledge of a programming language or experience with an operating system.
October 21-25, 2:00-3:00 p.m.
Fee — \$10

SAS201 — Intermediate SAS

This course is broken up into five separate one hour sessions, each covering a specific topic. Students have the option of choosing which topics are of interest to them and may attend as many sessions as they desire. Topics include: input formats and report writing; regression procedures; multivariate procedures, SAS macro language, and tabulate and calendar procedures. A knowledge of SAS is required.
October 21-25, 3:00-4:00 p.m.
Fee — \$10

User Interface Group

This is the largest and probably the most visible part of UTCS. Under the management of Don Gibson, it is composed of various subgroups. The **Central Advising Office** can be reached at 978-HELP. Users with general questions about UTCS services or programming problems usually start here. Issues of a complex or extended nature are passed on to senior consulting staff or to the appropriate applications support group. The **Statistical and Numerical Analysis Computing Group (SNAC)** supports packages in the stats and numerical analysis areas. SNAC also prepares and gives short courses, installs new versions of packages on the system, prepares users documentation, and consults with users on the best package or system to meet their needs.

In the next issue — more on the User Interface Group.

Oops! Our Mistake

In the last issue of the *Bulletin* we stated that Class A jobs are discounted by 33 percent when submitted for execution between midnight and 6 pm, Monday through Friday. The correct hours are midnight to 6 a.m. We apologize for the error.

Communications and Computer Systems Consulting	978-4967
General Advising	978-HELP
Statistical Advising	978-STAT
Marketing	978-6875
Micro Support	978-8701

The university today: facts that are stranger than fiction

by Margaret Atwood

The following is an excerpt from a speech by author Margaret Atwood given at a symposium on "The Mission of the University", held at Queen's University in October 1984 on the eve of the installation of David Smith as principal. Copies of "The Mission of the University", the complete proceedings of the two-day symposium, are available from the principal's office.

It's no secret that universities are under siege, both financial and ideological. Over-expansion in the 60s, and the consequent lowering of standards, have given way to implosion and grumpiness in the 80s. On the one hand, some provincial governments, particularly those in which none of the cabinet members ever attended a university, are demonstrating their contempt for higher education by cutting back on funding. On the other, business and industry are putting pressure on universities to churn out more of whatever it is they think they want at the moment and to marginalize the rest. The principle of tenure is under attack. Job prospects for young PhD graduates in the arts and humanities are not stunning, and there's a wide-spread practice of hiring people at low levels, then getting rid of them at the point at which they should be promoted and bringing in more young serfs to take their place. "Publish or perish" has become "publish, but perish anyway". There's a growing proletariat of cowed and downtrodden teachers and scholars, who live in fear of losing their jobs and are thus prone to the espousal of critical stances that are merely fashionable, to Byzantine back-room politicking, to jostling for place and sometimes even to outright sabotage of their competitors. The mediocre support and hire the mediocre because it makes them feel safer, and loyalty to the discipline itself goes out the window.

There's a proliferation of administrative staff at the expense of teaching staff, so that some universities become top-heavy; needless to say, when administration is chopping heads, their own are not the first to go. Some universities bear more resemblance to class-struggle battlegrounds than they do to places of higher learning, and students themselves can get sucked into the fray, asked to take sides, to snoop on their teachers or file complaints about them. None of this creates a healthy climate for the pursuit of excellence, let aloneasket weaving; but an ungigantic and solidish university such as Queen's is in a good position to observe the tar sands in which some of its colleagues flounder and to attempt to avoid them. What price academic freedom if there is no freedom from this sort of thing?

I might add that none of the above is a product of the novelist's over-active imagination. As a novelist, I find that the relation between reality and fiction is often that the former has to be toned down in the latter to make it believable. My points above were all based on specific stories told me by real people, both here and in the States, and though some of them may well have been crazed and paranoid, I can hardly believe that all of them were. There have been too many.

All of which underlines the fact that the principalship of a university is not, these days, a comfortable paw, and about the most pertinent advice you could give anyone about to take it on

can be found in the collected works of Machiavelli. It's an unenviable job, for which you'd need the toughness of Margaret Thatcher, the perfect manners of Pauline McGibbon, the irony of Jane Austen, the grace of Karen Kain and the financial abilities of Sylvia Ostry. Also a few prayers from Mother Theresa, as well as from the rest of us.

But being an optimist, I try to follow bad news with good, or at least with a few suggestions that assume a future. Where should universities be going, then, *vis-à-vis* the arts and humanities?

If we begin with the assumption that what is taught in these areas is something worth learning, not only by specialists in the field but by members of the community at large, that is, by human beings, we will see our way forward. First, we must realize that the job market has changed and is changing, and that it's no longer easy to second-guess it. Once upon a time, you graduated in anthropology and you became an anthropologist, in honours English and you became a scholar, teacher or librarian. No more. The individual's relationship to the concept of "job", something you do, onwards and upwards, until retirement, may never be the same again. Young people have to be prepared to change jobs, to jump tracks, to retrain. They also have to be prepared for discouragement and frustration and even despair, and, for that, what better than a study of the arts in general and Samuel Beckett in particular, who said, "I can't go on, I have to go on." The world before the baby boom taught us to value ourselves by the size of our salary, to obtain our satisfactions through our relationship to our job. But that's no longer enough, because there are no longer any lifetime guarantees. What we should realize is that the purpose of, for instance, teachers of English literature, is not only the propagation of their kind. Studies in the arts and humanities can impart various other skills and bits of knowledge necessary for survival in a post-industrial, post-computer age — for instance, emotional resilience, vocational flexibility and lateral thinking. The belief that there's more than one way to skin a cat can be an ace up your sleeve these days. Another thing they can give is a sense of values that cannot be measured in financial terms, and that's becoming necessary too; nor will you get it in business school. My own prediction is that there will be, increasingly, more demand for adult education as people return to universities to get something they feel they missed the first time around, and an increase in the service professions, especially those focused on various forms of individual self-realization and imaginative development. If the university takes the word "mission" seriously, it will be ready.

Now for a few concrete proposals.

My first is something that I know you know I'm going to say . . . but I'll say it anyway. One area in which Canadian universities have fallen well behind — and in which they used to have a monopoly, such as it was, though it was little valued by them — is that of Canadian studies. I won't go into all the good reasons there are for teaching citizens something about the country in which they live; I've run on about this to a boring extent in the past, and it should be merely self-evident by now that a country which does not do this — especially one in our



geographically and culturally precarious position — is in danger of becoming a mere burp in the long feast — as it were — of history. I will say, however, that I've been at a number of European universities over the past few years, and I visit a great many American ones; and the sad truth is that there are more enthusiasts in this field in other countries than there are in Canada. There's a vigorous Canadian studies association in Germany, and a recently formed one for the Scandinavian countries; Canadian writers get letters from students doing theses on their work in Italy and Holland; interest is beginning in Japan; and there's a dedicated trio of professors at the University of Bordeaux who teach, believe it or not, English Canadian literature, and who prefer Winnipeg to Montreal partly because of the goldeye but partly because people don't laugh at them there. The Association for Canadian Studies in the US has upwards of 400 members. Britain has been a little slow getting started, and as you might expect the most interest has come from Scotland and Wales. But, although we in Canada do have some active departments and practising scholars, all too often one hears, from visiting European or American scholars, the same story. "They wanted to introduce me to the Milton man," they say. "That isn't what I came here for. We've got a Milton man of our own. I said I wanted to meet the people in Canadian studies, and they looked at me funny." If we don't watch out, the world centre for Canadian studies is going to be, not Toronto or indeed Queen's, but Austin, Texas. The Canadian Department of External Affairs is heavily engaged in the tender fostering of Canadian studies abroad, but who's doing it at home? You know the statistics: there are only a few universities in Canada which require a course in Canadian writing for an undergraduate degree in literature. Some offer no courses at all, some no graduate courses. Isn't it about time we stopped sniggering behind our hands at Canadian studies, as if this were a field suitable only for the semi-bright who aren't quite up to Spenser?

Other suggestions? Well, I'm sure you have an active and dynamic Women's Studies program — a reasonable university could not fail to, since, though many of your students are Canadian, increasing numbers of them

are also women. But how about Men's Studies? This is surely a neglected area, and rates perhaps not just a few courses — Military Uniforms Through the Ages and How They Affected the Outcomes of Specific Battles (this is not a joke — how about the thin red line, what a stupid idea); or, Blimps and Wimps, The Male Figure in the Victorian Novel; or, Male Sex Objects in Literature, from Heathcliffe to Harlequins — but a whole department. However, there are pitfalls to be avoided. One might set up the department and bundle all things male into it, from the Freudian significance of neckties to the Bergsonian study of locker-room jokes, only to have it declared a frill, in which case the grant rug would be pulled out from under it and it would fold. English literature would then consist of nothing but George Eliot, Elizabeth Barrett Browning, Virginia Woolf, and their ilk, which would present at the least a slightly unbalanced picture. An enlightened administration however would never let half the human race go down the drain in this deplorable fashion. Ways and means of keeping Male Studies alive would have to be found, and would be found, so I say it's worth the risk.

I shall conclude with my very best wishes to all academics, wherever they may be. Best wishes especially to those at the helm of the storm-battered but nevertheless solidly constructed Ark known as Queen's, which must somehow ride out the dubious time of had weather and slimming rations which stretches before it, or cruise between the Scylla of government and Charybdis of business, resisting alike the siren song of trendiness and the sinkhole of obsolescence while roped firmly to the mast of academic excellence with the twine of integrity, steering presumably by means of some very fancy footwork. I offer these best wishes because they are needed: every little bit helps, said the old lady as she spat into the sea.

When I announced long ago that I was going to be a writer, people shook their heads. "It's a risk," they said. "Hadden't you better teach university instead?"

Letters

Council took rational stand on South Africa

Professor Rosenthal, before rushing in glibly to accuse President Connell of hypocrisy (*Bulletin*, Sept. 23), might with advantage have pondered on the implications of St. Matthew, 7:1-5, a text which seems to me to be the definitive statement on the subject. The accusation of hypocrisy is extended, by implication, to those members of Governing Council who, like myself, voted for the amended motion on divestment at the Governing Council meeting on Sept. 19. Incidentally, Professor Rosenthal may not be aware that a substantial majority of the members of the Executive Committee, at its meeting on Sept. 10, voted in favour of forwarding the amended motion (together with Claire



Johnson's original motion) to Governing Council.

I have a philosophical objection to being forced to see things in terms of moral absolutes. Those who urged the

University of Toronto to divest said that a moral man had no alternative. Their view was right; any other view was both wrong and immoral. This line of argument is simplistic, and seeks to deny freedom of thought and expression. In a word, it leads inescapably to totalitarianism.

If anyone said that the problem was not so simple, but extremely complex; that economic sanctions, if they were effective at all (and economic sanctions do not have a great record of success), would hurt most the people we were trying to help; then one was accused of washing one's hands of the problem like Pontius Pilate. If one is weighed down by a burden of post-colonial guilt, and has in addition swallowed what V.S. Naipaul calls "The Lie", namely, the proposition that only western governments are corrupt, the issue is simple. If, however, one is a pragmatist, one has to look at the facts, as far as one can ascertain them, and try and reach an objective view of the situation. One has to decide what course of action is most likely to bring about the gradual dismantling of the apartheid system, which we are all agreed is abhorrent, without plunging South Africa into a bloody revolution. I believe that the amended motion on divestment passed by Governing Council is compatible with this general approach.

In the case of South Africa, we are being urged to divest; to apply sanctions; to withdraw diplomatic recognition; and so on. But no one is urging us to take the same sort of action against the government, for example, of the Islamic Republic of Iran, which is not only guilty of human rights violations on a massive scale, but does not even recognize the concept of human rights. On the contrary, pressure is constantly being put on the government of Canada by business to normalize relations between Canada and Iran. In other words, a double standard is operating here, and I am totally opposed to the principle of selective morality.

I consider that the pro-divestment argument, that to weaken or destroy the economic prosperity of South Africa would be in the best interests of the black population, is not proven. Michele Landsberg, in *The Globe and Mail* on Sept. 14, wrote that President Connell "leads an important community of scholars, dedicated (one hopes) to the quest for truth and morally scrupulous judgement". Let me repeat that, in my opinion, the answers to most of the moral problems arising from the human condition are not black or white, but various shades of gray. I profoundly resent Landsberg's implication that the quest for truth can lead one only to one, predetermined, conclusion. Pontius Pilate knew better than that; he knew that he did not have time to wait for an answer to his question, "What is truth?". Ms. Landsberg asks, 20 years from now, how will we be able to answer when we are asked, "What did you do when South Africa went up in flames?" My answer will be: "At least I did not pour gasoline on the flames, but tried to deal with the problem in a rational way, unencumbered by ideological presuppositions."

Roger M. Savory
Faculty Member
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